

Data Path : Z:\voasrv\HPCHEM1\MSVOA_X\Data\VX120921\
 Data File : VX025654.D
 Acq On : 09 Dec 2021 12:45
 Operator : JC/MD
 Sample : M4884-15
 Misc : 5.35g/5mL/100uL/5.0mL/MSVOA_X/MEOH
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 MSVOA_X
 ClientSampleId :

Quant Time: Dec 10 01:58:48 2021
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXML112221WMA.M
 Quant Title : VOC Analysis
 QLast Update : Fri Dec 10 01:57:45 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

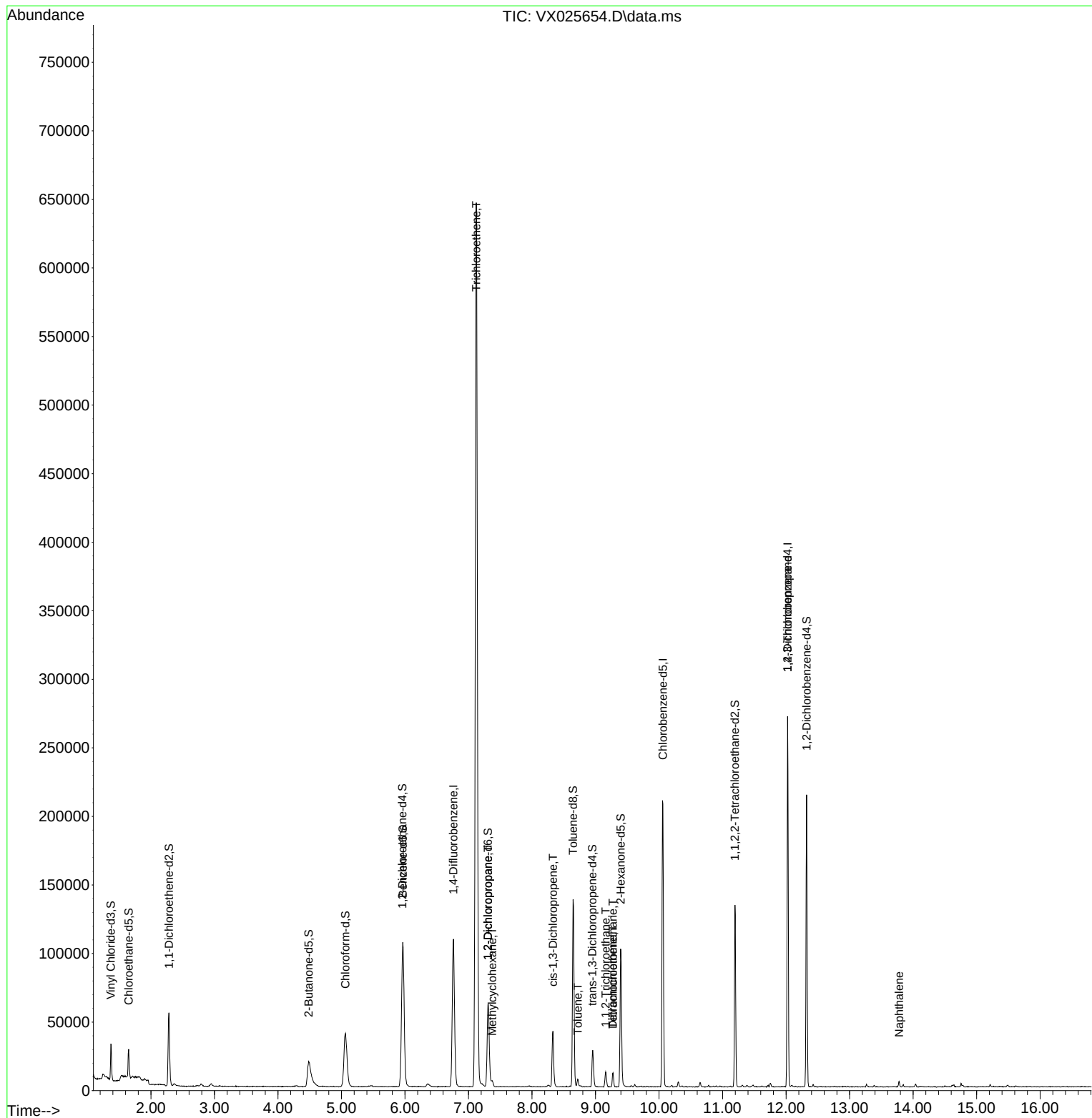
Internal Standards						
1) 1,4-Difluorobenzene	6.763	114	121479	50.000	ug/L	0.00
28) Chlorobenzene-d5	10.061	117	109017	50.000	ug/L	0.00
58) 1,4-Dichlorobenzene-d4	12.024	152	57180	50.000	ug/L	0.00
System Monitoring Compounds						
4) Vinyl Chloride-d3	1.368	65	19623	23.670	ug/L	0.00
Spiked Amount	50.000	Range	60 - 135	Recovery	=	47.340%#
7) Chloroethane-d5	1.648	69	13165	19.240	ug/L	-0.02
Spiked Amount	50.000	Range	70 - 130	Recovery	=	38.480%#
11) 1,1-Dichloroethene-d2	2.282	63	31145	23.561	ug/L	-0.02
Spiked Amount	50.000	Range	60 - 125	Recovery	=	47.120%#
21) 2-Butanone-d5	4.483	46	49668	80.482	ug/L	0.03
Spiked Amount	100.000	Range	40 - 130	Recovery	=	80.480%
24) Chloroform-d	5.062	84	51327	35.424	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	70.840%
26) 1,2-Dichloroethane-d4	5.958	65	35353	39.145	ug/L	0.00
Spiked Amount	50.000	Range	70 - 125	Recovery	=	78.280%
32) Benzene-d6	5.964	84	99369	34.392	ug/L	-0.01
Spiked Amount	50.000	Range	70 - 125	Recovery	=	68.780%#
36) 1,2-Dichloropropane-d6	7.306	67	32298	36.105	ug/L	0.00
Spiked Amount	50.000	Range	70 - 120	Recovery	=	72.200%
41) Toluene-d8	8.647	98	85697	31.423	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	62.840%#
43) trans-1,3-Dichloroprop...	8.952	79	14991	33.332	ug/L	0.00
Spiked Amount	50.000	Range	60 - 125	Recovery	=	66.660%
47) 2-Hexanone-d5	9.397	63	34228	73.505	ug/L	0.01
Spiked Amount	100.000	Range	45 - 130	Recovery	=	73.510%
56) 1,1,2,2-Tetrachloroeth...	11.195	84	51196	40.495	ug/L	0.00
Spiked Amount	50.000	Range	65 - 120	Recovery	=	80.980%
66) 1,2-Dichlorobenzene-d4	12.323	152	41761	37.237	ug/L	0.00
Spiked Amount	50.000	Range	80 - 120	Recovery	=	74.480%#
Target Compounds						Qvalue
34) Trichloroethene	7.123	95	248349	324.209	ug/L	97
35) Methylcyclohexane	7.373	83	2037	1.690	ug/L	94
37) 1,2-Dichloropropane	7.306	63	3747	5.129	ug/L #	85
39) cis-1,3-Dichloropropene	8.330	75	1075	0.904	ug/L	98
42) Toluene	8.720	91	3802	1.184	ug/L	94
45) 1,1,2-Trichloroethane	9.159	97	3384	4.365	ug/L	97
46) Tetrachloroethene	9.275	164	2047	3.151	ug/L	97
49) Dibromochloromethane	9.275	129	1897	2.123	ug/L #	12
61) 1,2,3-Trichloropropane	12.024	75	6553	6.699	ug/L #	63
71) Naphthalene	13.780	128	2570	0.735	ug/L	99

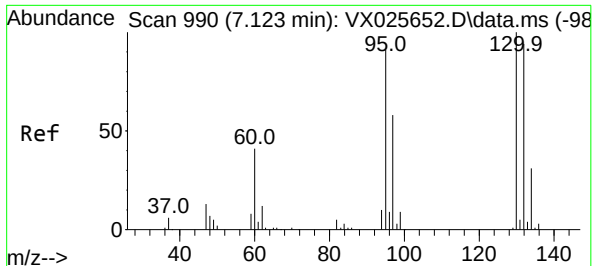
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\voasrv\HPCHEM1\MSVOA_X\Method\SFAMXLM112221WMA.M
Quant Title : VOC Analysis
QLast Update : Fri Dec 10 01:57:45 2021
Response via : Initial Calibration





#34

Trichloroethene

Concen: 324.209 ug/L

RT: 7.123 min Scan# 990

Delta R.T. 0.000 min

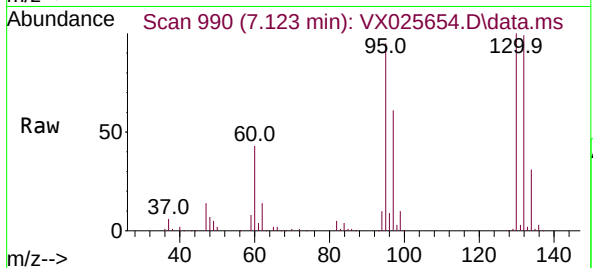
Lab File: VX025654.D

Acq: 09 Dec 2021 12:45

Instrument :

MSVOA_X

ClientSampleId :



Tgt Ion: 95 Resp: 248349

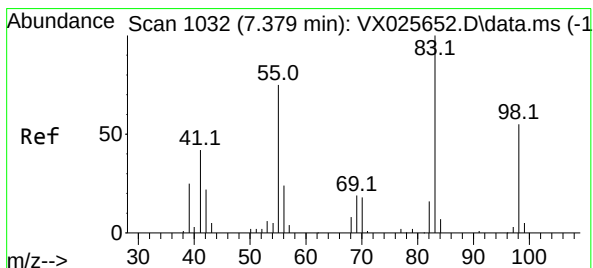
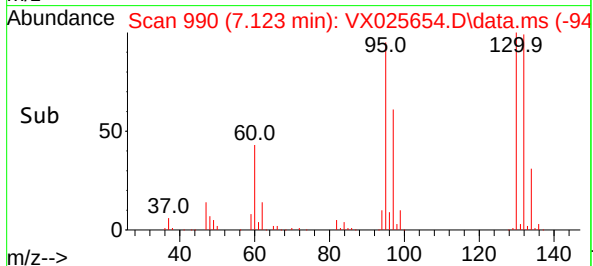
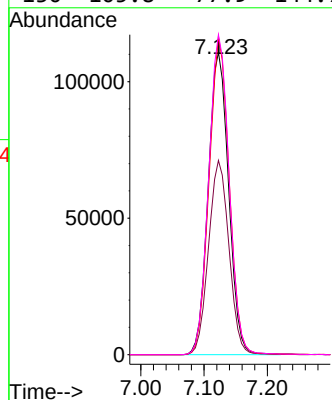
Ion Ratio Lower Upper

95 100

97 64.2 46.0 85.4

132 105.2 75.0 139.2

130 105.8 77.9 144.7



#35

Methylcyclohexane

Concen: 1.690 ug/L

RT: 7.373 min Scan# 1031

Delta R.T. -0.006 min

Lab File: VX025654.D

Acq: 09 Dec 2021 12:45

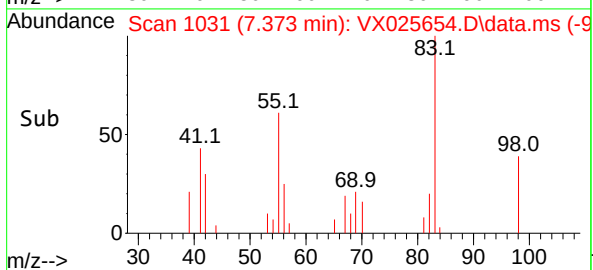
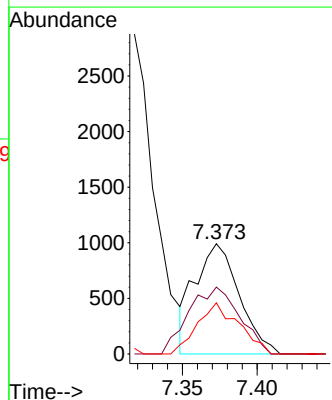
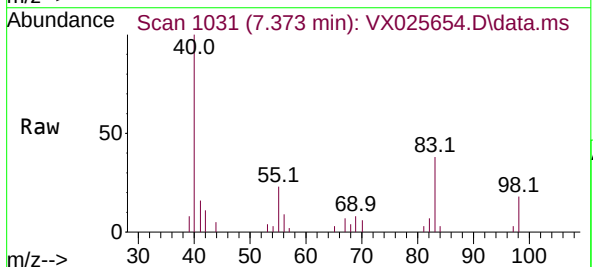
Tgt Ion: 83 Resp: 2037

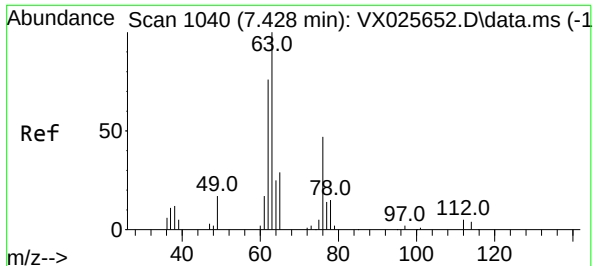
Ion Ratio Lower Upper

83 100

55 69.9 57.3 85.9

98 43.7 41.1 61.7





#37

1,2-Dichloropropane

Concen: 5.129 ug/L

RT: 7.306 min Scan# 1187

Delta R.T. -0.122 min

Lab File: VX025654.D

Acq: 09 Dec 2021 12:45

Instrument :

MSVOA_X

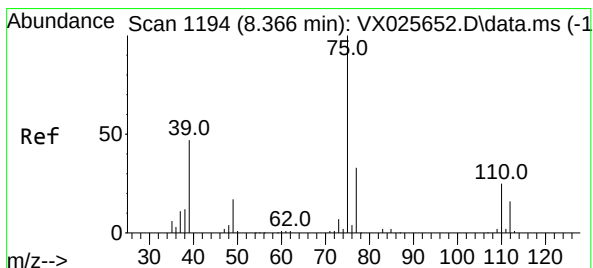
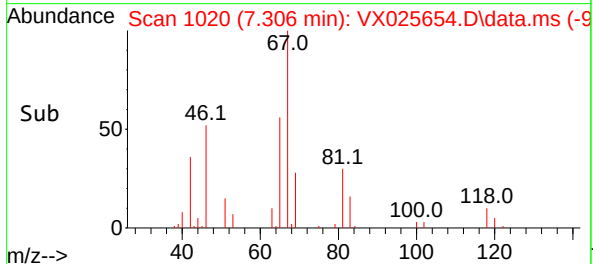
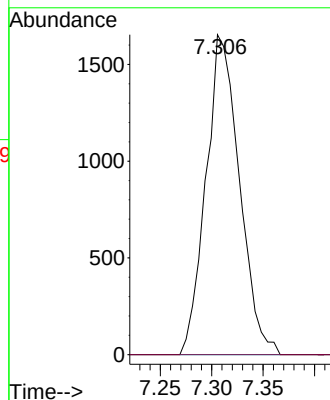
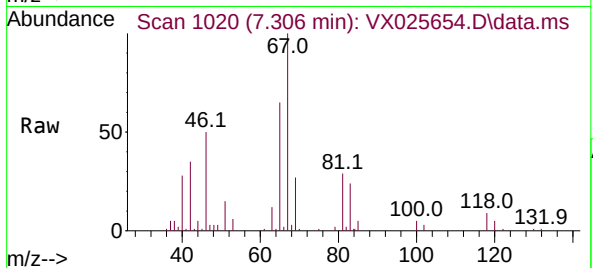
ClientSampleId :

Tgt Ion: 63 Resp: 3747

Ion Ratio Lower Upper

63 100

112 0.0 4.0 6.0#



#39

cis-1,3-Dichloropropene

Concen: 0.904 ug/L

RT: 8.330 min Scan# 1188

Delta R.T. -0.037 min

Lab File: VX025654.D

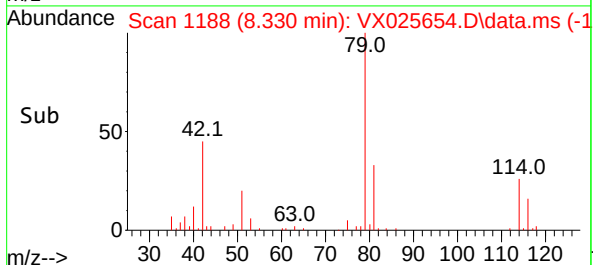
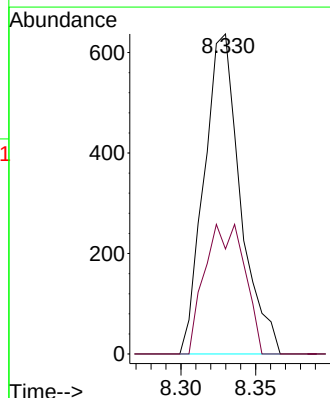
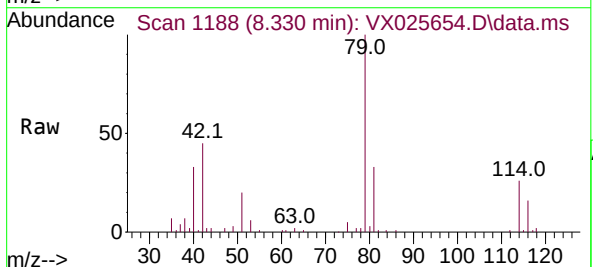
Acq: 09 Dec 2021 12:45

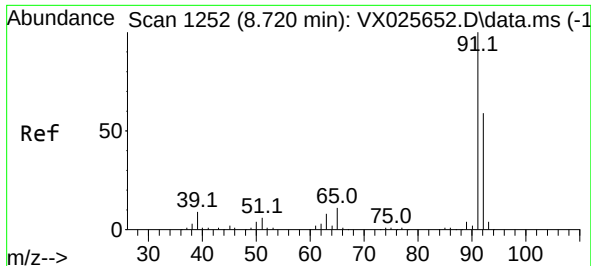
Tgt Ion: 75 Resp: 1075

Ion Ratio Lower Upper

75 100

77 32.8 22.3 41.3





#42

Toluene

Concen: 1.184 ug/L

RT: 8.720 min Scan# 11

Delta R.T. -0.000 min

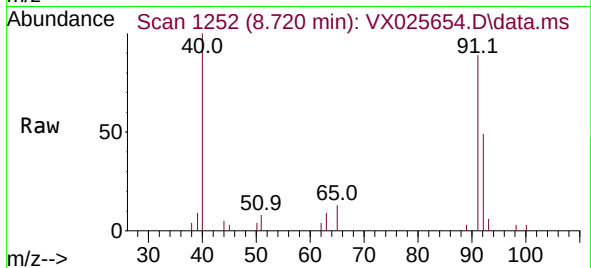
Lab File: VX025654.D

Acq: 09 Dec 2021 12:45

Instrument :

MSVOA_X

ClientSampleId :

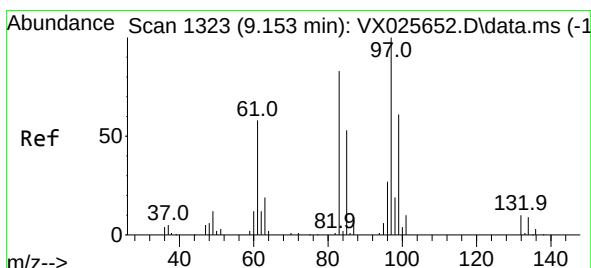
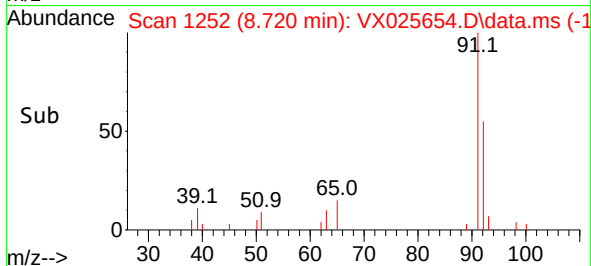
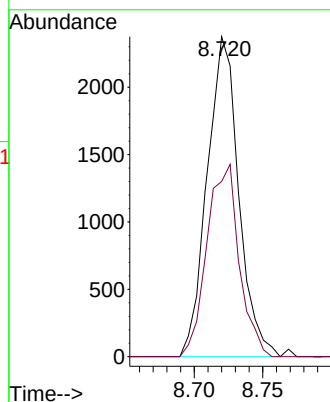


Tgt Ion: 91 Resp: 3802

Ion Ratio Lower Upper

91 100

92 54.8 41.2 76.6



#45

1,1,2-Trichloroethane

Concen: 4.365 ug/L

RT: 9.159 min Scan# 1324

Delta R.T. 0.006 min

Lab File: VX025654.D

Acq: 09 Dec 2021 12:45

Tgt Ion: 97 Resp: 3384

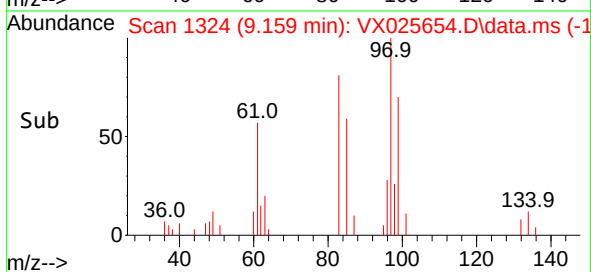
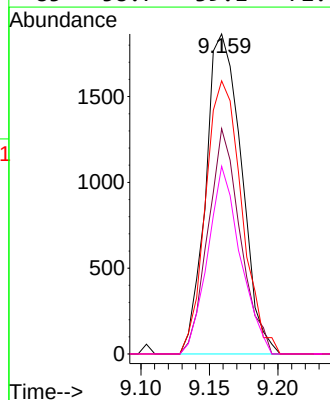
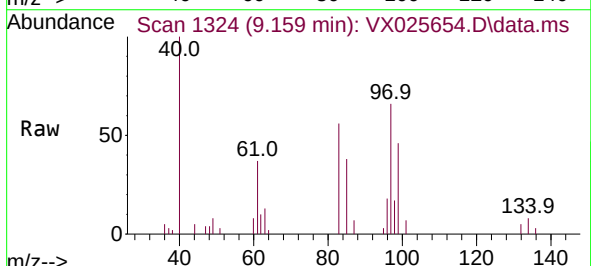
Ion Ratio Lower Upper

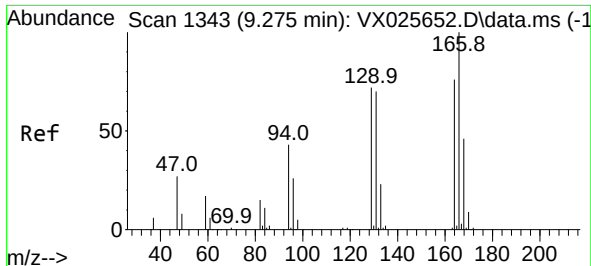
97 100

99 70.4 46.0 85.4

83 85.4 59.6 110.8

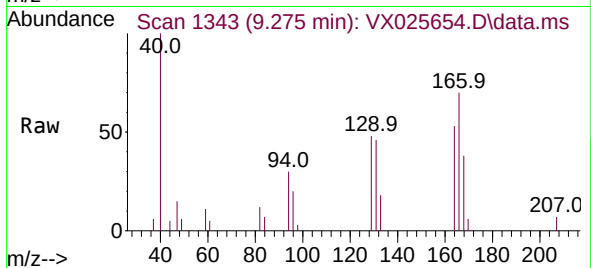
85 58.7 39.1 72.7



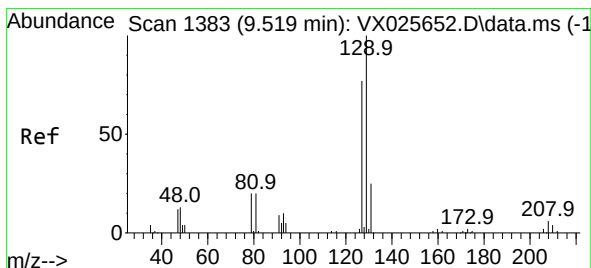
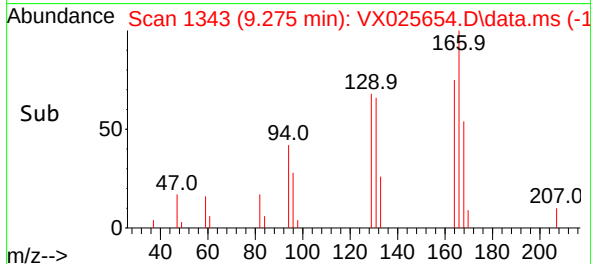
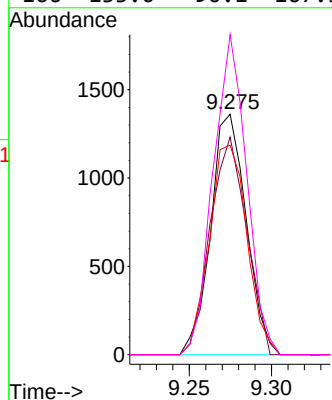


#46
Tetrachloroethene
Concen: 3.151 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. 0.000 min
Lab File: VX025654.D
Acq: 09 Dec 2021 12:45

Instrument :
MSVOA_X
ClientSampleId :

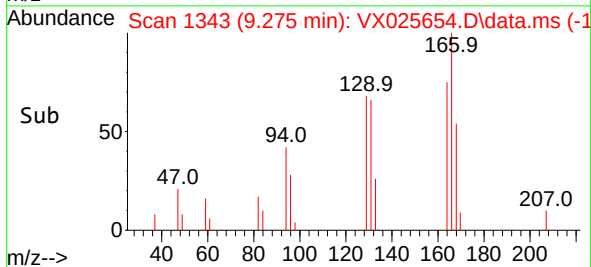
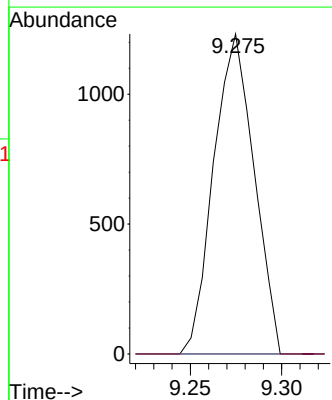
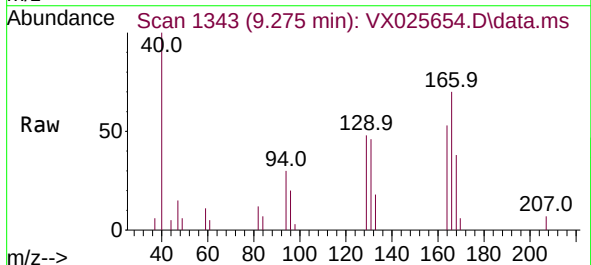


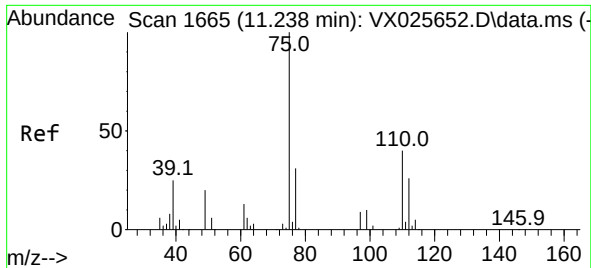
Tgt Ion:	164	Resp:	2047
Ion Ratio	Lower	Upper	
164	100		
129	90.5	64.7	120.1
131	87.2	63.2	117.4
166	133.0	90.1	167.3



#49
Dibromochloromethane
Concen: 2.123 ug/L
RT: 9.275 min Scan# 1343
Delta R.T. -0.244 min
Lab File: VX025654.D
Acq: 09 Dec 2021 12:45

Tgt Ion:	129	Resp:	1897
Ion Ratio	Lower	Upper	
129	100		
127	0.0	52.4	97.2#

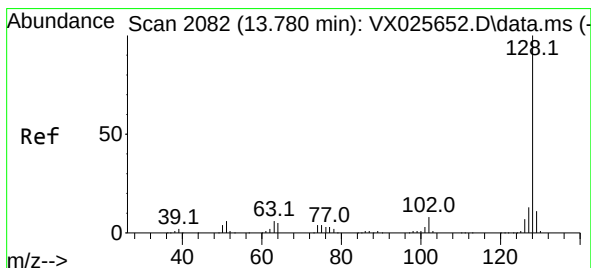
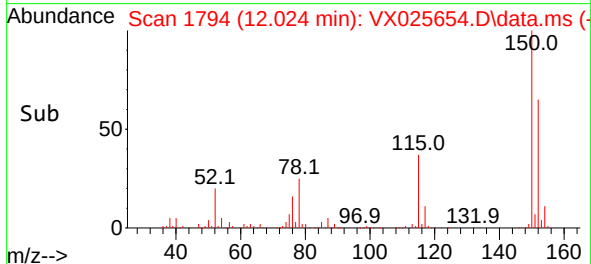
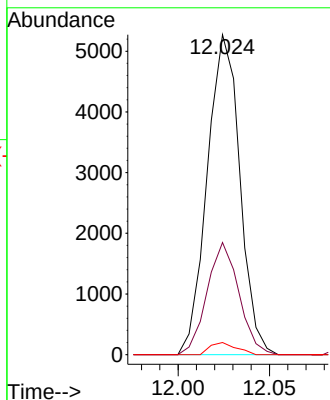
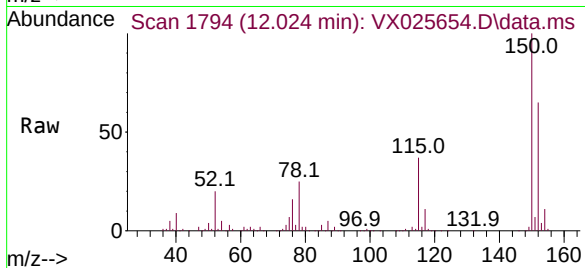




#61
1,2,3-Trichloropropane
Concen: 6.699 ug/L
RT: 12.024 min Scan# 1794
Delta R.T. 0.786 min
Lab File: VX025654.D
Acq: 09 Dec 2021 12:45

Instrument :
MSVOA_X
ClientSampleId :

Tgt Ion: 75 Resp: 6553
Ion Ratio Lower Upper
75 100
77 34.3 25.8 38.8
110 3.1 34.7 52.1#



#71
Naphthalene
Concen: 0.735 ug/L
RT: 13.780 min Scan# 2082
Delta R.T. -0.000 min
Lab File: VX025654.D
Acq: 09 Dec 2021 12:45

Tgt Ion: 128 Resp: 2570
Ion Ratio Lower Upper
128 100
127 11.5 10.1 15.1
129 10.9 8.7 13.1

